| Index of Claims | Application/Control No. | Applicant(s)/Patent unde<br>Reexamination |  |  |  |  |  |  |
|-----------------|-------------------------|---|--|--|--|--|--|--|
|                 | 10/827,296              | ZEMEL ET AL.                              |  |  |  |  |  |  |
|                 | Examiner                | Art Unit                                  |  |  |  |  |  |  |
|                 | Edward J. Webman_       | 1616                                      |  |  |  |  |  |  |

(Through numeral) Cancelled

|  |            | √              | R           | eje      | cte      | ed       |          |          | _  | (Through numeral)<br>Cancelled |         |            |          |          |          |          |          | N        | N        | on-E         | lec      | ted         |              | A          | Appeal   |                 |          |          |          |          | l        |           |          |
|--|------------|----------------|-------------|----------|----------|----------|----------|----------|--|--------------------------------|---------|------------|----------|----------|----------|----------|----------|----------|----------|--------------|----------|-------------|--------------|------------|----------|-----------------|----------|----------|----------|----------|----------|-----------|----------|
|  |            | =              | A           | llo      | we       | d        | ÷        |          |  |                                |         | Restricted |          |          |          |          |          | ı        | In       | Interference |          |             |              | o          |          | Objected        |          |          |          |          | :        |           |          |
| Cla  | Claim Date |                |             |          |          |          |          |          |  |                                | Claim D |            |          |          |          | ate      | <u> </u> |          |          |              | CI       | Date        |              |            |          |                 |          |          |          | 一        |          |           |          |
|  |            | 1              | <del></del> |          |          |          |          |          |  | Г                              |         |            |          |          |          |          | Ī        |          |          |              |          |             |              |            |          | П               |          |          |          |          | $\neg$   | П         | ᅦ        |
| Final  | Original   | 601            |             |          |          |          |          |          |  |                                |         | Final      | Original |          |          |          |          |          |          |              |          |             | Final        | Original   |          |                 |          |          |          |          |          |           |          |
|  | 1          | <u></u>        |             |          |          |          |          |          |  |                                |         |            | 51       |          |          |          |          | _        |          | 一            |          | 1           |              | 101        |          |                 |          |          | $\neg$   |          | $\neg$   | ヿ         | ヿ        |
|  | 2          |                |             |          |          |          |          |          |  |                                |         |            | 52       |          |          |          |          |          |          |              |          | ]           |              | 102        |          |                 |          |          |          |          |          | $\Box$    |          |
|  | 3          | П              |             |          |          |          |          |          |  |                                |         |            | 53       |          |          |          |          |          |          |              |          | ]           |              | 103        |          |                 |          |          |          |          | $\Box$   | $\Box$    |          |
|  | 4          | 4              |             |          |          |          |          |          | _  |                                |         |            | 54       |          |          |          | $\perp$  |          | Ц        | _            |          | _           |              | 104        |          |                 | _        | _        | _        |          |          | _         | _        |
|  | 5          | ~              |             |          |          | L_       | L_       |          |  | L                              |         |            | 55       |          |          |          | $\perp$  |          |          | _            |          | _           | L            | 105        | _        | Ш               |          |          | _        | $\Box$   | _        | _         | _        |
| $\vdash$   | 6          | ~              |             |          | _        |          |          |          | <u> </u>   |                                |         |            | 56       | <u> </u> |          | _        |          |          |          | _            |          | 4           |              | 106        |          | Н               | -        |          |          |          | -        |           | $\dashv$ |
|  | 7          | 1              | _           |          | _        |          |          |          | $\vdash$   | $\vdash$                       |         | <u> </u>   | 57       | <u> </u> |          | $\dashv$ | $\dashv$ |          |          | -            |          | ┥ !         | <u> </u>     | 107        | H        | $\vdash$        |          |          |          |          | -        | $\dashv$  | $\dashv$ |
| -  | 9          | N              | $\vdash$    |          |          |          | ⊢        | ⊢        | ├  | ⊢                              |         | <u> </u>   | 58<br>59 | H        |          | Н        | $\dashv$ |          | $\dashv$ | +            |          | -           |              | 108<br>109 | -        | $\vdash \vdash$ | $\dashv$ |          | $\dashv$ |          | $\dashv$ | $\dashv$  | ႕        |
|  | 10         | Y              | $\vdash$    |          | _        | $\vdash$ | $\vdash$ | H        | ⊢  | $\vdash$                       |         |            | 60       |          |          | $\vdash$ | $\dashv$ |          |          | -            | $\dashv$ | -           |              | 110        | $\vdash$ | Н               |          | $\dashv$ | -        |          | $\dashv$ |           | ᅱ        |
| $\vdash$   | 11         | 14             | $\vdash$    | _        | $\vdash$ | $\vdash$ | $\vdash$ |          | ⊢  |                                |         |            | 61       | H        |          |          |          |          | -        |              |          | 1           | <b></b> -    | 111        | H        | Н               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ┰         | ᅱ        |
| $\vdash$   | 12         | X              | -           |          |          |          | $\vdash$ | $\vdash$ | ┝  | _                              |         |            | 62       | $\vdash$ | _        | Н        | $\dashv$ | _        | $\dashv$ | $\dashv$     | $\dashv$ | ┪           | <del> </del> | 112        | -        | Н               | ᅱ        | $\dashv$ | ᅱ        | $\dashv$ | -        | ┪         | ᅱ        |
| $\vdash$   | 13         | N              | _           | _        | -        |          | -        | -        | -  |                                |         |            | 63       | $\vdash$ |          |          | $\dashv$ | -        | $\dashv$ | $\dashv$     |          | ┥ :         | <b></b> -    | 113        |          | $\vdash$        | $\neg$   | $\neg$   | ᅥ        |          | $\dashv$ | $\dashv$  | ᅱ        |
| $\vdash$   | 14         | V              | ~           |          |          | -        | _        | -        | <del>                                     </del> |                                |         | $\vdash$   | 64       | $\vdash$ |          |          | $\dashv$ | _        | $\dashv$ | $\dashv$     | $\dashv$ | 1           |              | 114        |          | $\vdash$        |          |          | ᅥ        | $\dashv$ | $\dashv$ | $\dashv$  | ᅥ        |
|  | 15         | N              | _           |          |          |          |          |          | $\vdash$   |                                |         |            | 65       | $\vdash$ | _        |          |          |          | $\dashv$ | ┪            | $\neg$   | 1           |              | 115        | _        |                 |          |          | ヿ        | $\neg$   | 寸        | ヿ         | ヿ        |
|  | 16         | -              |             |          |          |          |          |          |  |                                |         |            | 66       |          |          |          | $\Box$   |          | T        | 寸            |          | 1           |              | 116        |          | П               | $\neg$   |          | ヿ        | $\neg$   | 一        | _         | $\neg$   |
|  | 17         |                | П           |          |          |          |          | Г        |  |                                |         |            | 67       |          |          |          | ヿ        |          | T        | $\dashv$     |          | 1           |              | 117        |          |                 | 一        |          | 一        | 一        | ヿ        | $\exists$ |          |
|  | 18         |                |             |          |          |          |          |          |  |                                |         |            | 68       |          |          |          |          |          |          | T            |          | ]           |              | 118        |          |                 |          |          |          |          |          | $\Box$    |          |
|  | 19         |                |             |          |          |          |          |          |  |                                |         |            | 69       |          |          |          |          |          |          |              |          | ] (         |              | 119        |          |                 |          |          |          |          | $\Box$   | $\Box$    |          |
|  | 20         |                |             |          |          |          |          |          | L  |                                |         |            | 70       |          |          |          |          |          |          |              |          |             |              | 120        |          |                 |          |          |          |          |          | _         |          |
|  | 21         |                |             |          |          |          |          |          |  |                                |         |            | 71       |          |          |          |          |          | _        |              |          | 1 !         |              | 121        |          | Ш               | _        | _        | _        | _        | $\dashv$ | _         |          |
|  | 22         |                |             |          |          |          |          | Ш        |  | Ш                              |         |            | 72       |          |          |          | _        | _        |          | _            |          | 4 !         | <u> </u>     | 122        |          |                 | _        | $\Box$   | _        | _        | _        | _         |          |
|  | 23         |                |             |          |          |          |          |          | _  |                                |         | L          | 73       | <u> </u> |          | _        | _        |          | _        | _            |          | 4 !         |              | 123        | _        | Ц               | _        | _        | _        | _        | _        | 4         | _        |
|  | 24         | Ш              |             |          | _        |          | L.       | _        | _  |                                |         |            | 74       | _        |          | $\dashv$ | _        |          | _        | _            |          | 4           |              | 124        |          | Ш               | _        | 4        | _        | _        | 4        | $\dashv$  | 4        |
|  | 25         |                |             |          |          |          |          |          | <u> </u>   | _                              |         |            | 75       |          |          |          | _        | _        | -        | -            | _        | 4           |              | 125        | _        | $\sqcup$        | _        | _        |          | _        | $\dashv$ | $\dashv$  | 4        |
| <b>-</b>   | 26         | Н              | $\Box$      |          |          |          | $\vdash$ | H        | $\vdash$   | Ш                              |         |            | 76       | $\vdash$ | Ш        |          |          | _        |          | -            |          | 4           | <b>_</b>     | 126        | <u> </u> | $\sqcup$        | $\dashv$ | -        |          | $\dashv$ | -        | $\dashv$  | $\dashv$ |
| $\vdash$   | 27         | Н              | $\vdash$    | _        | _        | $\vdash$ |          | $\vdash$ | _  | Н                              |         | _          | 77<br>78 |          | _        |          | -        | -        |          |              |          | ┨           | <u> </u>     | 127<br>128 | H        | -               | $\dashv$ | -        | -        | $\dashv$ |          | $\dashv$  | $\dashv$ |
| $\vdash$   | 28<br>29   | Н              |             |          |          | -        |          | H        |  | $\vdash$                       |         |            | 79       |          |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$     |          | -           |              | 129        | -        | $\dashv$        | $\dashv$ | -        | -        |          | $\dashv$ | $\dashv$  | $\dashv$ |
|  | 30         | H              | $\dashv$    |          |          |          | _        | -        |  |                                |         |            | 80       | H        |          |          | +        | -        |          | -+           |          | 1           |              | 130        |          | -               |          |          | $\dashv$ | -        | $\dashv$ | $\dashv$  | ᅱ        |
| <del>-  </del>                                   | 31         | Н              | $\dashv$    | _        |          | Н        | _        | $\vdash$ | -  | $\dashv$                       |         |            | 81       | Н        |          | $\dashv$ | ┪        | $\dashv$ | -        | $\dashv$     | +        | 1           |              | 131        |          | -               | $\dashv$ | -1       | ┪        | $\dashv$ | $\dashv$ | $\dashv$  | ᅱ        |
|  | 32         |                |             | _        |          |          |          |          | _  | $\vdash$                       |         |            | 82       | Н        |          | $\dashv$ | _        |          | _        | 一            | $\neg$   | 1           |              | 132        |          | $\dashv$        | $\dashv$ | $\dashv$ | _        | $\dashv$ | 寸        | 一         | ヿ        |
| $\Box$   | 33         | П              |             |          |          |          |          |          | _  |                                |         |            | 83       | П        |          | 7        | 十        | $\neg$   | _        | 一            | $\neg$   | 1 1         |              | 133        |          | $\dashv$        | 寸        | 一        | 一        | 寸        | 寸        | 一         | ᅱ        |
|  | 34         | П              |             |          |          |          |          |          |  |                                |         |            | 84       |          |          | ヿ        | T        |          | ヿ        | ヿ            |          | 1           |              | 134        |          | T               | 一        | $\neg$   | ヿ        |          | ヿ゙       | $\neg$    | ヿ        |
|  | 35         | П              |             |          |          |          |          |          |  |                                |         |            | 85       |          |          | $\neg$   | $\neg$   |          |          | $\exists$    |          | 1           |              | 135        |          |                 | $\neg$   |          |          | $\neg$   | $\neg$   | $\neg$    | ヿ        |
|  | 36         | П              |             |          |          |          |          |          |  |                                |         |            | 86       |          |          | $\neg$   | $\neg$   | $\neg$   |          | $\neg$       |          | 1 1         |              | 136        |          |                 |          | П        | 目        |          | $\neg$   | $\neg$    | ╗        |
|  | 37         |                |             |          |          |          |          |          |  |                                | - (     |            | 87       |          |          |          | $\Box$   |          |          | $\Box$       |          | ]           |              | 137        |          |                 |          |          |          |          |          |           |          |
|  | 38         |                |             |          |          |          |          |          |  |                                |         |            | 88       |          |          |          |          |          |          | $\Box$       |          | ] [         |              | 138        |          |                 |          |          |          |          |          | $\Box$    |          |
|  | 39         |                |             |          |          |          |          |          |  |                                | 1       |            | 89       |          |          |          |          |          |          |              |          | ]           |              | 139        |          |                 |          |          |          |          |          |           |          |
| $\Box$   | 40         |                |             |          |          |          |          |          |  |                                |         |            | 90       |          |          |          | _[       |          | _[       |              | 工        | <b>↓</b>    |              | 140        |          | $\Box$          | $\Box$   | $\Box$   | $\Box$   |          | $\Box$   | _[        | $\Box$   |
| $\sqcup$   | 41         | Щ              |             | Ц        | Ш        | Ш        | Ш        |          | Ш  | Ш                              |         |            | 91       |          |          | $\Box$   | $\dashv$ | _        | _        | _            | $\bot$   | ↓           | L            | 141        | Ш        | Щ               |          | _        | _        |          |          |           | $\Box$   |
| $\vdash$   | 42         | Ш              |             | _        | $\Box$   | Ш        |          | L.,      | $\vdash$   | Щ                              | I       |            | 92       | Ш        | $\Box$   | $\perp$  | _        | _        | 4        | _            | _        | <b>↓</b>    |              | 142        | Щ        | $\sqcup$        | _        | _        | _        | _        | 4        | 4         | _        |
| <b> </b>   | 43         | $\sqcup$       | _           | _        | $\dashv$ |          | Ш        | <u> </u> | <u> </u>   | Ш                              | - }     |            | 93       | Щ        |          | _        | $\dashv$ | _        | $\dashv$ | -+           | +        | <b>↓</b>    |              | 143        |          | $\dashv$        |          | 4        |          |          | -+       |           | 4        |
| $\vdash$   | 44         | -              |             |          | -        | $\vdash$ |          | Н        | <b>L</b>   |                                |         |            | 94       | Н        | -        |          | +        |          |          | $\dashv$     | $\dashv$ | ┨           |              | 144        | Н        |                 |          |          |          |          | -+       | 4         |          |
| $\vdash$   | 45<br>46   | $\vdash\vdash$ | -           | $\dashv$ | $\dashv$ | $\vdash$ | $\vdash$ | $\vdash$ | H  | $\vdash$                       | -       |            | 95<br>96 |          | -        | $\dashv$ | $\dashv$ | $\dashv$ | -+       | $\dashv$     | - -      | $\mid \mid$ |              | 145<br>146 | Н        | $\vdash$        | $\dashv$ | -        | $\dashv$ |          | -+       | $\dashv$  | $\dashv$ |
| <del>   </del>                                   | 47         | $\vdash$       | -           | -        | -1       | $\dashv$ | $\vdash$ | Н        | $\vdash$   | $\dashv$                       |         |            | 97       | $\vdash$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$     |          | - I         |              | 147        | Н        | $\dashv$        | $\dashv$ | -        | -1       | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |
| <del>                                     </del> | 48         | $\vdash$       | -           |          | -        | -        | -        | Н        | Н  |                                | 1       |            | 98       | Н        | $\dashv$ | $\dashv$ | $\dashv$ |          | +        | +            | $\dashv$ | 1 1         |              | 148        | H        | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$  | $\dashv$ |
|  | 7          | $\vdash$       |             | _        | _        | _        |          | $\vdash$ |  | _                              | - 1     |            | -50      | $\vdash$ | _        | _        |          |          | _        | -            |          | 4 1         |              | 170        | -        | _               | _        | _        |          |          | -4       |           |          |